

## **CITY OF HAYWARD**

### **AGENDA REPORT**

AGENDA DATE 03/19/02

AGENDA ITEM 2

WORK SESSION ITEM \_\_\_\_\_

**TO:** Mayor and City Council

**FROM:** Director of Public Works

**SUBJECT:** Harder Road Grade Separation Project: Authorization for Increase in Additional Professional Services

#### **RECOMMENDATION:**

It is recommended that the City Council adopt the attached resolutions that:

1. Authorize an increase in additional services in the professional services agreement with Martin & Kane, Inc., in an amount not to exceed \$96,000;
2. Authorize an increase in additional services in the professional services agreement with URS Greiner, in an amount not to exceed \$60,000; and
3. Appropriate an additional \$156,000 from the Street System Improvement Fund to complete the project.

#### **BACKGROUND:**

On July 27, 1999, the City Council authorized a professional services agreement amendment with Martin & Kane, Inc., of Roseville, California, for the preparation of plans, specifications, and estimates for the Harder Road Grade Separation project. This project, which is currently under construction, consists of an underpass of the Union Pacific Railroad, relocation of a major flood control channel, improvement of Lund Avenue, and construction of a temporary detour, temporary railroad track, a storm drain pump station, and extensive landscaping. The amended contract for professional engineering design was for \$760,000, including about \$50,000 for services during construction.

The construction of the project, which began on September 11, 2000, was on hold during the winter and rainy season of 2000-01, right after the Lund Avenue detour was completed. Construction resumed in mid-March 2001.

During the long duration of the construction, several significant design changes resulted in authorized expenditure of the monies allocated for additional services in the Martin & Kane agreement. The California Regional Water Quality Control Board required redesign of the Alameda County Flood Control storm drain channel landscaping. The storm drain pump station was redesigned to accommodate the recently installed fiber optic lines. The design fees for these two changes, in the amount of approximately \$12,000, will be reimbursed by the County and the fiber optics company, respectively. The consultant also had extra work on

construction administration, including extensive submittal review, responses to request for information, and general clarifications to design documents, for which staff is recommending a total of \$39,000 in compensation. In order to have a sufficient budget for future construction administration and support services, staff recommends an additional \$45,000, which would result in a total additional services increase of \$96,000 and would result in a total contract not-to-exceed amount of \$856,000.

On September 5, 2000, along with the construction contract award, Council authorized staff to execute a professional services agreement with URS Greiner for Resident Structural Engineer services in an amount not to exceed \$160,000. Because this project involves the bridge construction, it is generally accepted practice to obtain the services of an experienced structural engineer to serve as a Resident Bridge Engineer during construction. Because of the complexity and magnitude of the project, delays during the rainy season, and the discovery of contaminated soil within the project area, the resident structural engineer's services were utilized more than was originally anticipated. Staff requests an increase of \$60,000 in additional services to have adequate budget for resident structural engineering services for the remaining construction duration, for a total contract not-to-exceed amount of \$220,000.

#### **PROJECT COST:**

The estimated costs of the total project are as follows:

|                                 |                  |
|---------------------------------|------------------|
| Construction Cost               | 6,796,457        |
| Fiber Optics Relocation         | 350,000          |
| Design and Administration       | 1,026,543        |
| Inspection, Survey, and Testing | 200,000          |
| Resident Structural Engineer    | 220,000          |
| Right of Way                    | 461,000          |
| Total                           | <u>9,054,000</u> |

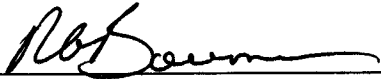
#### **FUNDING:**

The adopted 2001-02 Capital Improvement Program includes a total of \$8,898,000 for the project. An additional appropriation of \$156,000 is requested, at this time, to complete the project. Sufficient monies are available in the Street System Improvement Fund for this appropriation. An additional \$6,000 reimbursement from Alameda County Flood Control for the revised channel landscaping, and \$6,000 from the fiber optic companies is also anticipated.

#### **SCHEDULE:**

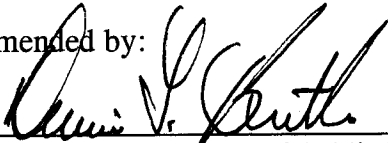
The project is anticipated to be completed by March 14, 2003.

Prepared by:



Robert A. Bauman, Deputy Director of Public Works

Recommended by:



Dennis L. Butler, Director of Public Works

Approved by:



Jesús Armas, City Manager

**DRAFT**

HAYWARD CITY COUNCIL

RESOLUTION NO. \_\_\_\_\_

Introduced by Council Member \_\_\_\_\_

RESOLUTION AUTHORIZING THE CITY MANAGER  
TO EXECUTE AN INCREASE IN ADDITIONAL  
SERVICES IN THE PROFESSIONAL SERVICES  
AGREEMENT BETWEEN THE CITY OF HAYWARD  
AND MARTIN & KANE, INC., FOR THE HARDER  
ROAD GRADE SEPARATION PROJECT, PROJECT NO.  
5195

BE IT RESOLVED by the City Council of the City of Hayward that the  
City Manager is hereby authorized and directed to execute on behalf of the City of  
Hayward an increase in additional services in the professional services agreement with  
Martin Kane & Associates, Inc., in an amount not to exceed \$96,000, in a form to be  
approved by the City Attorney.

IN COUNCIL, HAYWARD, CALIFORNIA \_\_\_\_\_, 2002

ADOPTED BY THE FOLLOWING VOTE:

AYES:

NOES:

ABSTAIN:

ABSENT:

ATTEST: \_\_\_\_\_  
City Clerk of the City of Hayward

APPROVED AS TO FORM:

\_\_\_\_\_  
City Attorney of the City of Hayward

**DRAFT**

HAYWARD CITY COUNCIL

RESOLUTION NO. \_\_\_\_\_

Introduced by Council Member \_\_\_\_\_

RESOLUTION AUTHORIZING THE CITY MANAGER  
TO EXECUTE AN INCREASE IN ADDITIONAL  
SERVICES IN THE PROFESSIONAL SERVICES  
AGREEMENT BETWEEN THE CITY OF HAYWARD  
AND URS GREINER FOR THE HARDER ROAD GRADE  
SEPARATION PROJECT, PROJECT NO. 5195

BE IT RESOLVED by the City Council of the City of Hayward that the  
City Manager is hereby authorized and directed to execute on behalf of the City of  
Hayward an increase in additional services in the professional services agreement with  
URS Greiner, in an amount not to exceed \$60,000, in a form to be approved by the City  
Attorney.

IN COUNCIL, HAYWARD, CALIFORNIA \_\_\_\_\_, 2002

ADOPTED BY THE FOLLOWING VOTE:

AYES:

NOES:

ABSTAIN:

ABSENT:

ATTEST: \_\_\_\_\_  
City Clerk of the City of Hayward

APPROVED AS TO FORM:

\_\_\_\_\_  
City Attorney of the City of Hayward

**DRAFT**

HAYWARD CITY COUNCIL

RESOLUTION NO. 02-

Introduced by Council Member \_\_\_\_\_

RESOLUTION AMENDING RESOLUTION 01-097, AS  
AMENDED, THE CAPITAL IMPROVEMENT BUDGET  
RESOLUTION FOR FISCAL YEAR 2001-2002,  
RELATING TO AN APPROPRIATION OF FUNDS FROM  
THE STREET SYSTEM IMPROVEMENTS FUND,  
FUND 413, TO THE HARDER ROAD GRADE  
SEPARATION PROJECT, PROJECT NO. 5195

BE IT RESOLVED by the City Council of the City of Hayward that  
Resolution No. 01-097, as amended, the Capital Improvement Budget Resolution for fiscal  
year 2001-2002, is hereby amended by appropriating \$156,000 from the Street System  
Improvement Fund, Fund 413, to the Harder Road Grade Separation Project,  
Project No. 5195.

IN COUNCIL, HAYWARD, CALIFORNIA \_\_\_\_\_, 2002

ADOPTED BY THE FOLLOWING VOTE:

AYES: COUNCIL MEMBERS:

NOES: COUNCIL MEMBERS:

ABSTAIN: COUNCIL MEMBERS:

ABSENT: COUNCIL MEMBERS:

ATTEST: \_\_\_\_\_  
City Clerk of the City of Hayward

APPROVED AS TO FORM:

\_\_\_\_\_  
City Attorney of the City of Hayward